# Niam Yaraghi

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## Academic Positions

**University of Miami**

*Miami Business School*

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|---|---|
| Associate Professor of Business Technology (with tenure) | 2023 – present |
| Associate Professor of Health Management & Policy (secondary) | 2023 – present |
| Assistant Professor of Business Technology | 2020 – 2023 |

*Miller School of Medicine*

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|---|---|
| Associate Professor of Informatics & Health Data Science (secondary) | 2025 – present |

**University of Connecticut**

*School of Business*

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| Assistant Professor of Operations & Information Management | 2017 – 2020 |

**The Brookings Institution**

*Center for Technology Innovation*

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| Nonresident Senior Fellow | 2021 – present |
| Nonresident Fellow | 2017 – 2021 |
| Fellow | 2014 – 2017 |

## Education

Ph.D., Management Science & Systems, State University of New York at Buffalo 2010 – 2014

*Dissertation: Essays on Health Information Exchange: Adoption, Usage and Patient Privacy*

M.Sc., Project Management & Operational Development, KTH Royal Institute of Technology 2008 – 2009

B.Sc., Industrial Engineering, Isfahan University of Technology 2002 – 2007

# Publications (*Citations: 1,802; h-index: 21; i10-index: 31; Google Scholar, November 2026*)

* co-authored with a doctoral student. † authors listed alphabetically.

## *Articles in Business Journals*

1.* Pan, X., Yaraghi, N. (2026) "From Hidden Fees to Open Books: An Empirical Examination of the Impact of Hospital Price Transparency Rule on Costs and Quality of Medical Services", ***Production & Operations Management***, 35(3), 1113-1132.

2. Gregory, R., Beck, R., Henfridsson, O., Yaraghi, N. (2025) "Cooperation Among Strangers: Algorithmic Enforcement of Reciprocal Exchange with Blockchain-Based Smart Contracts", ***Academy of Management Review***, 50(4): 859-873.

3. Gregory, R., Beck, R., Henfridsson, O., Yaraghi, N. (2025) "Institutional Innovation Driven by Blockchain's Algorithmic Enforcement Capability" [Dialogue], ***Academy of Management Review***, 50(4): 905-907.

4. Yaraghi, N., Ramesh, R., Kumar, G.T. (2025) "Pay, Pat, and Clawback: Incentivizing Service Providers' Participation in On-Demand Digital Platforms", ***Management Science***, 71(9): 7579-7599.

5.† Delkhosh, F., Gopal, R., Patterson, R., Yaraghi, N. (2023) "An Analysis of Bot Involvement in An Incentivized Blockchain-Based Online Social Media Platform", ***Journal of Management Information Systems***, 40(3): 778–806.

6.*† Gopal, R., Hidaji, H., Kutlu, S, Patterson, R., Yaraghi, N. (2023) "Law, Economics and Privacy: Implications of Government Policies on Website and Third-Party Information Sharing", ***Information Systems Research***, 34(4): 1375-1397.

7.* Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. (2022) "Impact of Health Information Exchange Adoption on Referral Patterns", ***Management Science***, 69(3): 1615–1638.

8. Venkatesan, S., Valecha, R., Yaraghi, N., Oh, O., Rao, R. (2021) "Influence in Social Media: An Investigation of Tweets Spanning the 2011 Egyptian Social Movement", ***MIS Quarterly***, 45(3): 1679–1714.

9. Yaraghi, N., Gopal, R., Ramesh, R. (2019) "Doctor's Orders or Patient's Preferences? Examining the Role of Physicians in Patients' Privacy Decisions on Health Information Exchange Platform", ***Journal of the Association for Information Systems***, 20(7): 928-952.

10.* Han, X., Yaraghi, N., Gopal, R. (2018) "Winning at All Costs: Analysis of Inflation in Nursing Homes' Rating System", ***Production & Operations Management***, 27(2): 215–233.

11. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. (2015) "Health Information Exchange as a Multi-Sided Platform: Adoption, Usage and Practice Involvement in Service Co-Production", ***Information Systems Research***, 26(1): 1–18.

## *Articles in Health Policy & Informatics Journals*

12.† Bakshi, S., Gopal, R., Yaraghi, N. (2026). "Responsible AI for Safer Opioid Risk Management in Older Adults", ***npj Health Systems***, 3(40).

13. Yaraghi, N., Henfridsson, O., Gopal, R. (2022). "Impact of the COVID-19 Pandemic on Staff Turnover at Long-term Care Facilities: A Qualitative Study", ***British Medical Journal Open***, 12:e065123.

14.† Gopal, R., Hidaji, H., Patterson, R., Yaraghi, N. (2021). "Dark Clouds and Silver Linings: Impact of COVID-19 on Internet Users' Privacy", ***Journal of the American Medical Informatics Association Open***, 4(4): 1–6.

15.*† Gopal, R., Han, X., Yaraghi, N. (2021). "Compress the Curve: A Cross Sectional Study of Variations in COVID-19 Infections Across California Nursing Homes", ***British Medical Journal Open***, 11:e042804.

16. Yaraghi, N., West, D., Gopal, R., Ramesh, R. (2020). "(How) Did Attack Advertisements Increase Affordable Care Act Enrollments?", ***PLoS ONE***, 15(2): e0228185.

17. Yaraghi, N., Gopal, R. (2018). "The Role of HIPAA Omnibus Rules in Reducing the Frequency of Medical Data Breaches: Insights from an Empirical Study", ***Milbank Quarterly***, 96(1): 144–166.

18. Yaraghi, N., Gao, G., Agarwal, R. (2018). "How Online Quality Ratings Influence Patients' Choice of Medical Providers: A Controlled Experimental Survey Study", ***Journal of Medical Internet Research***, 20(3): e99.

19. Yaraghi, N. (2015). "An Empirical Analysis of the Financial Benefits of Health Information Exchange in Emergency Departments", ***Journal of the American Medical Informatics Association***, 22(6): 1169–1172.

20. Yaraghi, N., Sharman, R., Gopal, R., Ramesh, R., Singh, R. (2015). "Drivers of Information Disclosure on Health Information Exchange Platforms: Insights from an Exploratory Empirical Study", ***Journal of the American Medical Informatics Association***, 22(6): 1183–1186.

21. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R., Singh, R., Singh, G. (2014). "Professional and Geographical Network Effects on Healthcare Information Exchange Growth: Does Proximity Really Matter?", ***Journal of the American Medical Informatics Association***, 21(4): 671–678.

## *Articles in Computing & Engineering Journals*

22. Etudo, U., Whyte, C., Yoon, V., Yaraghi, N. (2023). "From Russia with Fear: Fear Appeals and the Patterns of Cyber-Enabled Influence Operations", ***Journal of Cybersecurity***, 9(1): 1–18.

23.* Han, X., Yaraghi, N., Gopal, R. (2019). "Catching Them Red-handed: Optimizing the Nursing Homes' Rating System", ***ACM Transactions on Management Information Systems***, 10(2): 7.

24.* Eftekhari, S., Yaraghi, N., Singh, R., Gopal, R., Ramesh, R. (2017). "Do Health Information Exchanges Deter Repetition of Medical Services?", ***ACM Transactions on Management Information Systems***, 8(1): 2.

25. Yaraghi, N., Tabesh, P., Guan, P., Zhuang, J. (2015). "Comparison of AHP and Monte Carlo AHP Under Different Levels of Uncertainty", ***IEEE Transactions on Engineering Management***, 62(1): 122–132.

26. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. (2013). "Network Effects in Health Information Exchange Growth", ***ACM Transactions on Management Information Systems***, 4(1): 1.

### *Policy Reports*

27. Yaraghi, N. (2026). "Unlocking Europe's Developer Economy: The EU Must Simplify its Digital Rulebook to Save its Tech Future" ***Developers Alliance***.
28. Porreca, D., Yaraghi, N. (2022). "How Does Population Health Analytics Help to Improve Care Quality and Efficiency Among CPC+ Participants?" ***The Milbank Memorial Fund***.
29. Turner-Lee, N., Yaraghi, N., Lai, S. (2022). "The Roadmap to Telehealth Efficacy: Care, Health, and Digital Equities", ***The Brookings Institution***.
30. Yaraghi, N., Gopal, R. (2018). "How HIPAA Omnibus Rules Effectively Reduced the Number of Data Breaches Among Healthcare Providers' Business Associates", ***The Brookings Institution***.
31. Yaraghi, N., Ravi, S. (2017). "The Current and Future State of the Sharing Economy", ***The Brookings Institution***.
32. Yaraghi, N., Han, X., Gopal, R. (2016). "Five-star Ratings for Sub-par Service: Evidence of Inflation in Nursing Home Ratings", ***The Brookings Institution***.
33. Yaraghi, N. (2016). "Hackers, Phishers, and Disappearing Thumb Drives: Lessons Learned from Major Health Care Data Breaches", ***The Brookings Institution***.
34. Yaraghi, N. (2015). "Benefits of Health Information Exchange Platforms: Measuring the Returns on a Half a Billion Dollar Investment", ***The Brookings Institution***.
35. Yaraghi, N. (2015). "A Sustainable Business Model for Health Information Exchange Platforms: The Solution to Interoperability in Health Care IT", ***The Brookings Institution***.
36. West, D., Yaraghi, N. (2014). "The Emerging Revolution in Healthcare", ***The Brookings Institution***.

## Book

1. Yaraghi, N. (2026). ***Modern Experimental Designs for Business Research: Course Notes for BTE 693***. Version 1.0, University of Miami. Eleven chapters on validity, statistical power, the multiphase optimization strategy, SMART designs, just-in-time adaptive interventions, micro-randomized trials, conjoint analysis, the scaling of experiments and the use of large language models in experimental research, with worked examples in SAS. Published open access under CC BY-NC-ND at niamyaraghi.com/experimental-designs.

## Research Grants *(total: $779,258)*

*I am the Principal Investigator (PI) on the grants unless otherwise specified.*

National Institutes of Health / NIDCR, 1R41DE035767-01; $304,974 2026

*Validating a Three-Stage Digital Health Platform to Enhance Dental Care Communication*

*(Prime Awardee: Intellident Systems Inc., Subaward: University of Miami)*

National Institute for Health Care Management Foundation; $50,000 2023

*A Double-Edged Sword: Evaluating the Role of Telehealth Expansion and Contraction in the US Opioid Crisis*

University of Miami, Provost's Research Award; $5,000 2023

*Can it or Kick the Can? The Spillover Effects of PDMP Use Mandates on Opioids Prescriptions in Neighboring States*

University of Miami, Provost's Research Award; $16,500 2021

*Preventing the Mass Exodus, Examining the Turnover Among Nursing Homes' Staff*

California Health Care Foundation; $95,000 2016

*Examining the Effects of HIPAA Omnibus Rules on Reducing Privacy Breaches among Business Associates*

David M. Rubenstein Grant; $95,000 2016

*(How) Should We Regulate Uber? Analysis of the Regulatory Aspects of Ride Sharing Services in India*

National Institute for Health Care Management Foundation; $60,712 2016

*An Empirical Investigation on Potential Manipulation in Nursing Homes' Rating System*

California Health Care Foundation; $128,072 2015

*Documenting the Lessons Learned from Recent Privacy Breaches in Health Care Sector*

Department of Health and Human Services (subcontract from MITRE Corporation); $24,000 2014

*Development of ONC Health IT Policy & Business Framework*

# Entrepreneurship and Research Commercialization

**Founder, Intellident Systems, Inc.** A University of Miami spinout that develops AI software for dental practices, commercializing my research on health data and clinical communication. 2025 – present

*Prime awardee on NIH/NIDCR STTR Phase I award 1R41DE035767-01 ($304,974), with the University of Miami as subaward.*

# Awards

Faculty Mentoring Award Nominee, University of Miami 2026

Best Paper Award, Iranian Scholars Chapter of the Association for Information Systems (IRAIS) 2026

Faculty Mentor of the Year Award - Rising Mentor Nominee, University of Miami 2026

Distinguished Member, Association for Information Systems 2025

Recognition for Outstanding PhD Student Mentorship, University of Miami 2025

Distinguished Service Award, Management Science 2024

Best Paper Award in CTO program, Academy of Management 2023

Nominated for Provost's Award for Faculty Excellence and Impact, University of Miami 2023

Nominated for the Best Problem-Driven Analytical Research Paper; Decision Sciences Institute 2018

Best Research in Progress Award; Workshop on Information Technology and Systems 2017

Privacy Scholars Fellowship, Antonin Scalia Law School, George Mason University 2016

Young Researcher Award; Workshop on Health Information Technology & Economics 2015

Fifty Leaders in Health IT; Becker's Health IT and CIO Review 2015

Dean's Award; SUNY at Buffalo School of Management 2013

SAS Global Forum Student Scholarship Award; SAS Institute 2013

Best Poster Award; SUNY at Buffalo School of Management 2012

Nominated for Best Paper Award; Workshop on Information Technology & Systems 2011

Best Student Paper Award; Society for Risk Analysis 2009

# Service in Academic Journals

## *Editorial Service*

**Decision Sciences**, Department Editor, Healthcare Operations 2026 – 2029

**Production & Operations Management**, Senior Editor, Healthcare Operations Management 2026 – 2029

**MIS Quarterly**, Guest Associate Editor, Special Issue on Information Assurance and Artificial Intelligence 2024

**Information Systems Research**, Guest Editorial Review Board, Special Issue on Analytical Creativity 2023

**Production & Operations Management**, Guest Senior Editor, Special Issue on Social Technologies 2022

**Information Systems Frontiers**, Associate Editor 2020 – present

## *Peer Review Service*

Information Systems Research, MIS Quarterly, Management Science, Journal of Management Information Systems, Journal of the American Medical Informatics Association (JAMIA), Production & Operations Management, Journal of the Association for Information Systems, Information Systems Frontiers

# Policy and Public Impact

My research is cited in **12 U.S. Federal Register rules and notices** and in **56 government documents across 9 countries and 5 U.S. states**, 2015–2026. The rulemakings are listed below; the full audited record is at niamyaraghi.com/policy.

## *Citations in U.S. Federal Register Rules and Notices*

1. Medicare Program; Hospital Inpatient Prospective Payment Systems, FY2027 Rates (2026).
2. Medicare Program; Hospital Outpatient Prospective Payment and ASC Payment Systems (2025).
3. Health Data, Technology, and Interoperability: Protecting Care Access, final rule (2024).
4. Health Data, Technology, and Interoperability: Patient Engagement, Information Sharing, and Public Health Interoperability (2024).
5. Health Data, Technology, and Interoperability: Certification Program Updates, Algorithm Transparency, and Information Sharing, final rule (2024).
6. Provisions Pertaining to Preventing Access to U.S. Sensitive Personal Data and Government-Related Data (2024), Document No. 2024-24582.
7. Health Data, Technology, and Interoperability: Certification Program Updates, Algorithm Transparency, and Information Sharing, proposed rule (2023), Document No. 2023-07229.
8. Medicare Program; CY 2021 Payment Policies Under the Physician Fee Schedule (2020).
9. 21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program (2020), Document No. 2020-07419.
10. 21st Century Cures Act: Interoperability, Information Blocking, and the ONC Health IT Certification Program, proposed rule (2019).
11. Medicare and Medicaid Programs; Interoperability and Patient Access, proposed rule (2019).
12. Medicare and Medicaid Programs; Patient Protection and Affordable Care Act; Interoperability and Patient Access for Medicare Advantage Organization and Medicaid Managed Care Plans (2019), Document No. 2019-02200.

## *Media Coverage*

My work has been covered or quoted **290 times across 156 outlets** since 2014, including the New York Times, Washington Post, Wired, MSNBC, NPR, Time, MIT Technology Review, and C-SPAN. A complete, continuously updated list is at niamyaraghi.com/media-coverage.

# Op-Eds and Public Commentary

1. Yaraghi, N., Zizi, F., Seixas, A. "How ONC Can Strengthen Its HTI-1 Rule To Ensure Transparency, Fairness, And Equity In AI", *Health Affairs Forefront*, June 2024.
2. Patterson, R. A., Hidaji, H., Yaraghi, N., Gopal, R., Kutlu, S. N. "To protect user privacy online, governments need to reconsider their use of opt-in policies", *The Conversation*, February 15, 2024.
3. Yaraghi, N. "Generative AI In Health Care: Opportunities, Challenges, And Policy", *Health Affairs Forefront*, January 2024.
4. Yaraghi, N. "ChatGPT And Health Care: Implications For Interoperability And Fairness", *Health Affairs Forefront*, June 2023.
5. Gopal, R., Yaraghi, N. "How Political Attack Adverts Can Backfire", *The Conversation*, August 2020.
6. Yaraghi, N. "To Foster Information Exchange, Revise HIPAA and HITECH", *Health Affairs Blog*, September 19, 2017.
7. Yaraghi, N. "MACRA Creates More Problems Than It Solves", *Health Affairs Blog*, October 12, 2016.
8. Yaraghi, N. "Mitigate Medical Hacks", *U.S. News & World Report*, August 9, 2016.
9. Yaraghi, N. "Ransomware Hacks Are a Hospital Health IT Wake-Up Call", *U.S. News & World Report*, April 1, 2016.
10. Yaraghi, N. "HHS Is Pointing Fingers Instead of Preventing Health Data Hacks", *U.S. News & World Report*, March 3, 2016.
11. Yaraghi, N. "To Protect Patients' Privacy, Give Them Control of Their Health Data", *U.S. News & World Report*, February 12, 2016.
12. Yaraghi, N. "Why Doctors Still Don't Use Text or Email With Patients", *U.S. News & World Report*, November 5, 2015.
13. Yaraghi, N. "Jeb Bush's Health Care Plan Fills Obamacare's Health IT Gaps", *U.S. News & World Report*, October 15, 2015.
14. Yaraghi, N. "How Yelp Could Get Patients Their Electronic Health Records", *U.S. News & World Report*, September 28, 2015.
15. Yaraghi, N. "How to Get Physicians to Adopt Electronic Health Records", *U.S. News & World Report*, September 24, 2015.
16. Yaraghi, N. "Federal Agencies Take a Political Risk Joining Yelp", *U.S. News & World Report*, August 25, 2015.
17. Yaraghi, N. "Four Things to Remember about DoD's Health IT Overhaul", *U.S. News & World Report*, August 3, 2015.
18. Yaraghi, N. "How Meaningful Use Fails Doctors and Hospitals on Health IT", *U.S. News & World Report*, July 15, 2015.
19. Yaraghi, N. "Health IT That Works for Everyone", *U.S. News & World Report*, June 30, 2015.
20. Yaraghi, N. "Don't Yelp Your Doctor", *U.S. News & World Report*, June 12, 2015.
21. Yaraghi, N. "Why Doctors Still Perform Unnecessary Medical Tests", *U.S. News & World Report*, May 27, 2015.
22. Yaraghi, N. "Pharma Wants to Hide Continuing Medical Education Payments to Doctors", *U.S. News & World Report*, May 11, 2015.

# Teaching and Mentoring

## *Doctoral Teaching*

**Computational Methods and Field Experiments (BTE 693)**

*Designed and built the doctoral seminar on experimental design for business research. The course notes are published as a book; see Book.*

Spring 2025 Instructor Evaluations (8 respondents): 5.0/5

## *Student Advising*

**Xiru Pan**, Advisor, currently in forth year of doctoral studies.

**Saeede Eftekhari**, Dissertation Committee, graduated 2019; Assistant Professor, Tulane University

**Xu Han**, Dissertation Committee, graduated 2019; Assistant Professor, Fordham University

## *Teaching Cases*

1. Stein, D., Filippi, D., Yaraghi, N. (2025) "Teaching Case: MyBonum and the Disruption of Outpatient Rehabilitation Therapy", forthcoming, **Journal of Information Technology Teaching Cases**

## *Graduate Courses*

**Digital Transformation in Healthcare (BTE 610)**

*Developed a new syllabus and created content on digital transformation in the healthcare market.*

Fall 2026 Instructor Evaluations (9 respondents): 5.0/5
Fall 2025 Instructor Evaluations (11 respondents): 4.6/5
Fall 2024 Instructor Evaluations (12 respondents): 4.9/5
Fall 2023 Instructor Evaluations (11 respondents): 4.7/5
Fall 2022 Instructor Evaluations (15 respondents): 4.9/5
Fall 2021 Instructor Evaluations (21 respondents): 4.8/5

**Public Policy & Health (HMP 655)**

*Developed a new syllabus and created content on policy analysis within the healthcare sector.*

Spring 2026 Instructor Evaluations (42 respondents): 4.7/5
Spring 2025 Instructor Evaluations (12 respondents): 4.0/5
Spring 2024 Instructor Evaluations (22 respondents): 4.4/5

**AI for Business (BTE 609)**

*Created a new graduate online course on the application of AI in business technology.*

Fall 2025 Instructor Evaluations (3 respondents): 3.3/5
Spring 2025 Instructor Evaluations (3 respondents): 4.7/5

## *Undergraduate Courses*

**Big Data Development (BTE 523)**

*Developed a new syllabus and created content on the theory and practice of machine learning using Python.*

Spring 2023 Instructor Evaluations (13 respondents): 4.8/5
Spring 2022 Instructor Evaluations (20 respondents): 5.0/5

**Big Data Strategy (BTE 413)**

*Created new content on best strategies and practices of managing big data at organizations.*

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|---|---|
| Spring 2023 Instructor Evaluations (20 respondents): | 4.9/5 |
| Fall 2021 Instructor Evaluations (18 respondents): | 4.8/5 |
| Spring 2021 Instructor Evaluations (15 respondents): | 4.7/5 |
| Fall 2020 Instructor Evaluations (17 respondents): | 4.2/5 |

**Health Informatics (BTE 450)**

*Undergraduate course on the implementation of health information technologies.*

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|---|---|
| Fall 2023 Instructor Evaluations (11 respondents): | 4.4/5 |

**Foundations of Business Technology (BTE 210)**

*Required core course for all undergraduate business majors, introducing business technology and information systems.*

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|---|---|
| Spring 2026 Instructor Evaluations (100 respondents): | 4.7/5 |
| Fall 2025 Instructor Evaluations (41 respondents): | 4.8/5 |
| Spring 2025 Instructor Evaluations (19 respondents): | 4.7/5 |
| Fall 2020 Instructor Evaluations (39 respondents): | 4.2/5 |

*Across 8 courses, 23 course terms and 482 student evaluations, the mean score on "My overall evaluation of the instructor is positive" is 4.65 out of 5.*

# Presentations

## *Academic Conferences*

1. Pan, X., Yaraghi, N., Clement, N., Tucker, C., "Prescription Without Pressure: Voluntary Use, Interstate Spillovers, and Interoperability in PDMP Effectiveness", *International Conference on Information Systems (ICIS)*, Lisbon, Portugal, December 2026.
2. Pan, X., Yaraghi, N., Ghose, A. "From Booze to Blues: Prohibition, Prescription Monitoring, and Persistent Demand", *Conference on Information Systems & Technology (CIST)*, San Francisco, CA, November 2026.
3. Pan, X., Yaraghi, N., Ghose, A. "From Booze to Blues: Prohibition, Prescription Monitoring, and Persistent Demand", *Conference on Health IT and Analytics (CHITA)*, Washington, DC, May 2026.
4. Pan, X., Yaraghi, N., Kamalahmadi, M., French, M., Ghose, A. "The Impact of Telehealth Expansion on Doctor Shopping and Drug Overdose", *Production & Operations Management Society (POMS) Conference*, Atlanta, GA, May 2025.
5. Pan, X., Yaraghi, N., Clement, N., Tucker, C. "Kicking the Can or Sharing the Load? Interoperability's Role in PDMP Policy Spillover Across Oregon's Borders", *Conference on Health IT and Analytics (CHITA)*, Austin, TX, April 2025.
6. Aziz, Y., Guo, Z., Ramesh, R., Yaraghi, N., "Forward Contracts in Gig Labor Markets: Analysis and Empirical Studies," *Conference on Information Systems & Technology (CIST)*, Seattle, WA, October 2024.
7. Pan, X., Yaraghi, N. "From Secrets to Savings: The Impact of Hospital Price Transparency Rule on Cost and Quality of Healthcare Services," *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, May 2024.
8. Aziz, Y., Guo, Z., Ramesh, R., Yaraghi, N. "Optimal Labor Sourcing with Spot and Forward Contracts in On-Demand Digital Platforms: Theory and Empirical Analysis," *Conference on Information Systems & Technology (CIST)*, Phoenix, AZ, October 2023.
9. Yaraghi, N., Ramesh, R., Tayi, G. "Impact of Incentives on Service Providers' Participation in On-Demand Service Platforms: A Micro Randomized Field Trial," *Conference on Information Systems & Technology (CIST)*, Indianapolis, IN, October 2022.
10. Gopal, R., Hidaji, H., Kutlu, S., Patterson, R.A., Yaraghi, N. "Economics of Data Protection Policies," *International Conference on Information Systems (ICIS)*, December 2020.

11. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Consideration Set-induced Utility Choice Model for Physicians' Referral Decisions," *Conference on Information Systems & Technology (CIST)*, November 2020.
12. Gopal, R., Hidaji, H., Kutlu, S., Patterson, R.A., Yaraghi, N. "Modeling Government Policy for Protecting User Privacy on Healthcare Websites," *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, November 2019.
13. Gopal, R., Hidaji, H., Kutlu, S., Patterson, R.A., Yaraghi, N. "Modeling Government Policy for Protecting User Privacy on Healthcare Websites," *INFORMS Healthcare Conference*, Boston, MA, July 2019.
14. Gopal, R., Hidaji, H., Kutlu, S., Patterson, R.A., Yaraghi, N. "User Information Sharing on Healthcare Websites," *Annual ISMS Marketing Science Conference*, Rome, Italy, June 2019.
15. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Utility Maximization in Physicians' Referral Networks: Model and Methodology," *Workshop on Information Technologies & Systems (WITS)*, San Francisco, CA, December 2018.
16. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "The Interlinked Effects of Health Information Exchange (HIE) Adoption and Physician Referrals: An Empirical Analysis," *Conference on Information Systems & Technology (CIST)*, Phoenix, AZ, November 2018.
17. Han, X., Yaraghi, N., Gopal, R. "The Impact of Nursing Home IoT Adoption and Rating System Inflation Control," *Decision Sciences Institute Annual Meeting*, Chicago, IL, October 2018. **(Nominated for the best problem-driven analytical research award)**
18. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "A Framework of a Multi-utility Driven Referral Decision Support System," *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, October 2018.
19. Han, X., Yaraghi, N., Gopal, R. "Optimizing the Nursing Homes' Rating System," *Workshop on Information Technologies & Systems (WITS)*, Seoul, Korea, December 2017.
20. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Designing Incentive-Pricing Mechanisms to Promote Health Information Exchange," *Workshop on Information Technologies & Systems (WITS)*, Seoul, Korea, December 2017. **(Received the best research in progress award)**
21. Han, X., Yaraghi, N., Gopal, R. "Audit or Subsidize? The Impact of IoT Adoption on Nursing Home Rating System," *Workshop on Information Systems and Economics (WISE)*, Seoul, Korea, December 2017.
22. Yaraghi, N., Wang, W., Gao, G., Agarwal, R. "Non-Clinical Ratings Provided by Commercial Websites and Clinical Ratings Provided by the Government are Equally Important for Online Users: A Controlled Experimental Survey Study," *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, November 2017.
23. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Participation in Health Information Exchanges and Physicians' Referral Patterns: Are they Mutually Reinforcing?", *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, November 2017.
24. Han, X., Yaraghi, N., Gopal, R. "Audit or Subsidize? The Impact of IoT Adoption on Nursing Homes' Rating System," *Conference on Health IT and Analytics (CHITA)*, Washington, D.C, November 2017.
25. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Co-evolution of Health Information Exchange Adoption and Physicians' Referral Networks: A Stochastic Actor-Oriented Paradigm," *Conference on Information Systems & Technology (CIST)*, Houston, TX, October 2017.
26. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Participation in Health Information Exchanges and Physicians' Referral Patterns: Are they Mutually Reinforcing?", *Symposium on Data Science for Healthcare (DaSH)*, Ridgefield, CT, October 2017.
27. Eftekhari, S., Yaraghi, N., Gopal, R., Ramesh, R. "Does Health Information Exchange impact Physicians' Referral Patterns?", *Secure Knowledge Management Workshop*, Tampa, FL, October 2017.
28. Han, X., Yaraghi, N., Gopal, R. "Catching Them Red-handed: Optimizing the Nursing Homes' Rating System," *Workshop on Information Technologies & Systems (WITS)*, Dublin, Ireland, December 2016.
29. Yaraghi, N., Gopal, R., Ramesh, R. "Drivers and Processes of Patients' Privacy Decisions on Health Information Exchange Platforms," *Workshop on Information Technologies & Systems (WITS)*, Dublin, Ireland, December 2016.
30. Han, X., Yaraghi, N., Gopal, R. "Catching Them Red-handed: Optimizing the Nursing Homes' Rating System," *Conference on Information Systems & Technology (CIST)*, Nashville, TN, November 2016.

31. Eftekhari, S., Yaraghi, N., Singh, R., Gopal, R., Ramesh, R. "Do Health Information Exchanges Deter Repetition of Medical Services?", *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, October 2016.
32. Han, X., Yaraghi, N., Gopal, R. "Catching Them Red-handed: Optimizing the Nursing Homes' Rating System," *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, October 2016.
33. Han, X., Yaraghi, N., Gopal, R. "A Graph-Based Model for Improving the Audit Process of a Nursing Home Rating System," *Production & Operations Management Society Annual Conference (POMS)*, Orlando, FL, May 2016.
34. Han, X., Yaraghi, N., Gopal, R. "An Empirical Investigation on the Prevalence of Manipulation in Nursing Homes' Rating System," *Conference on Information Systems & Technology (CIST)*, Philadelphia, PA, November 2015.
35. Han, X., Yaraghi, N., Gopal, R. "An Empirical Investigation on the Prevalence of Manipulation in Nursing Homes' Rating System," *Patient-Centric Healthcare Management in the Age of Analytics (Kelly School of Business)*, Bloomington, IN, October 2015.
36. Yaraghi, N. "An Empirical Analysis of the Financial Benefits of Health Information Exchange in Emergency Departments," *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, October 2015. **(Received the young researcher award)**
37. Yaraghi, N. "An Empirical Analysis of the Financial Benefits of Health Information Exchange in Emergency Departments," *INFORMS Healthcare*, Nashville, TN, July 2015.
38. Yaraghi, N., Sharman, R., Gopal, R., Ramesh, R. "Disclosure of Medical History on Health Information Exchange Platforms: Rational Drivers, Psychological Cues and Environmental Effects," *Conference on Information Systems & Technology (CIST)*, San Francisco, CA, November 2014.
39. Yaraghi, N., West, D., Gopal, R., Ramesh, R. "Drivers and Deterrents of Affordable Care Act Enrollment: A State Level Analysis," *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, October 2014.
40. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. "Health Information Exchange as a Multi-sided Platform: Adoption, Usage and Practice Involvement in Service Co-production," *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, November 2013.
41. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. "Consenting Adults: Why Do Patients Disclose Their Medical History on Health Information Exchange Platforms?," *Conference on Information Systems & Technology (CIST)*, Minneapolis, MN, October 2013.
42. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. "Modeling Practice Efficiencies in Healthcare Information Exchanges and Implications for HIE Network Growth," *Workshop on Information Technologies & Systems (WITS)*, Orlando, FL, December 2012.
43. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R., Singh, R. "Professional and Geographical Network Effects on HIE growth," *Workshop on Health Information Technology & Economics (WHITE)*, Washington, DC, October 2012.
44. Yaraghi, N., Du, A., Sharman, R., Gopal, R., Ramesh, R. "Interlinked Network Effects in Healthcare Information Exchange Growth," *Workshop on Information Technologies & Systems (WITS)*, Shanghai, China, December 2011. **(Nominated for the best paper award)**
45. Venkatesan, S., Yaraghi, N., Oh, O., Rao, R. "Investigating the Role of Twitter Services in the Egyptian Social Movement," *Workshop on Information in Networks (WIN)*, New York, NY, September 2012.
46. Yaraghi, N., Du, A., Sharman, R. Gopal, R., Ramesh, R., Singh, R., Singh, G. "Clustering Physicians Based on Professional Proximity Using SAS," *SAS Global Forum*, Orlando, FL, April 2012.
47. Yaraghi, N., Kishore, R., Chen, R. "Mining and Merging DATAMONITOR and WRDS Databases with SAS," *SAS Global Forum*, Orlando, FL, April 2012.
48. Yaraghi, N., Sharman, R., Singh, R., Singh, G. "Application of Monte Carlo Analytical Hierarchy Process in Prioritizing Electronic Medical Record Success Factors," *Symposium on Healthcare Advancements in Research and Practice (SHARP)*, Moorhead, MN, April 2011.
49. Hajbagheri, M., Yaraghi, N. "A Model For Integrating Quantitative Risk Analysis of Vendor's Environmental Performance Into Supplier Selection Process," *Society for Risk Analysis Annual Meeting*, Baltimore, MD, December 2009. **(Received the best student paper award)**

50. Yaraghi, N., Hajbagheri, M. "A New Approach to Model Cost and Duration of Projects in Stochastic Environments," *Society for Risk Analysis Annual Meeting*, Baltimore, MD, December 2009.

## *Policy Forums*

51. Yaraghi, N. "Innovation & Equity for Healthy Aging," Global Coalition on Aging & Georgetown University, June 2023.
52. Yaraghi, N., Porreca, D. "How Does Population Health Analytics Help to Improve Care Quality and Efficiency Among CPC+ Participants," CIVITAS Networks for Health, August 2022.
53. Yaraghi, N., Hammer, J. "Big Tech Censorship: How Does the First Amendment Apply to the Internet?", The Heritage Foundation, May 2022.
54. Yaraghi, N. "The Future of Health Information Exchange in the New Healthcare Market," Strategic Health Information Exchange Collaborative, August 2021.
55. Konnoth, K., Goodman, A., Hain, S., Yaraghi, N. "COVID-19 and Electronic Health Data," Silicon Flatirons at the University of Colorado Boulder, August 2020.
56. Culbertson, L., Rutschman, A., Yaraghi, N. "Fighting Vaccine Misinformation Online," National Vaccine Advisory Committee, January 2020.
57. West, D., Hennessey, S., Yaraghi, N., Turner-Lee, N. "Technology Policy and the Trump Administration," The Brookings Institution, December 2016.
58. Yaraghi, N., Edelman, T. "Evaluating and Improving the Nursing Home Ratings System," The Brookings Institution, December 2016.
59. Yaraghi, N., Koltai, S., Sonenshine, S., Hume, C. "Peace Through Entrepreneurship? Improving Middle Eastern Security by Creating Jobs," The Brookings Institution, September 2016.
60. Bhatal, H., Farmer, R., Serkes, K., Konnoth, C., Yaraghi, N. "As Health Data Exchanges Grow, What Rights Do Patients Have?", Health Privacy Summit, June 2016.
61. Chopra, A., Dawson, N., Yaraghi, N. "Outside, In: Unhealthy Hacking: Medical Privacy in the Age of Cyber Attacks," Politico, May 2016.
62. Yaraghi, N., Gilliam, M. "Innovations in Health," University of Chicago, November 2015.
63. Kamarck, E., Patashnik, E., Yaraghi, N. "Assessing the Affordable Care Act's Efficacy, Implementation, and Policy Implications Five Years Later," The Brookings Institution, April 2015.
64. West, D., Yaraghi, N., Schwartz, S., Cronin, K., Koslov, T. "Improving Patient Care through Healthcare Connectivity," The Brookings Institution, October 2014.

## *Invited Talks*

65. O'Neill Institute for National and Global Health Law, Georgetown University, November 2026
66. Miller School of Medicine, University of Miami, May 2025.
67. School of Management, SUNY Buffalo, March 2024.
68. Zicklin School of Business, Baruch College, September 2022.
69. Adam Smith Society, University of California at Berkeley, October 2020.
70. Robinson College of Business, Georgia State University, January 2020.
71. Bauer College of Business, University of Houston, December 2019.
72. Price College of Business, University of Oklahoma, December 2019.
73. Lee School of Business, University of Nevada at Las Vegas, November 2019.
74. McIntire School of Business, University of Virginia, October 2019.
75. National Academy of Medicine's Digital Learning Collaborative, June 2018.

76. American College of Cardiology, March 2018.
77. Cleveland Health IT Summit, March 2017.
78. Smith School of Business, University of Maryland, January 2017.
79. eHealth Initiative Executive Roundtable, November 2016.
80. Nanyang Business School, Nanyang Technological University, November 2016.
81. College of Business, Idaho State University, November 2016.
82. Sauder School of Business, University of British Columbia, October 2016.
83. RISE West Healthcare Summit, September 2016.
84. Virginia Local Government Management Association, June 2016.
85. Electronic Health Records Association (EHRA) Government Affairs and Leadership Retreat, September 2015.
86. Healthcare Information & Management Systems Society (HIMSS) Government Relations, July 2015.
87. Department of Economics, University of Nevada at Las Vegas, November 2014.
88. Department of Family Medicine, State University of New York at Buffalo, May 2013.
89. College of Information Science and Technology, Pennsylvania State University, February 2013.
90. Graduate School of Management and Economics, Sharif University of Technology, December 2011.

# Service in Academic Conferences

## *Leadership Service*

**International Conference on Information Systems (ICIS)**, Healthcare & Wellbeing Track Chair 2026

**Production & Operations Management Society (POMS) Conference**, Healthcare Session Chair 2025

## *Peer Review Service*

International Conference on Information Systems (2016–2024), Conference on Information Systems & Technology (2014–2024), Workshop on Information Technologies & Systems (2013–2019)

# Advisory and Consulting Work

RXN Group (public affairs and AI legislation advisors)

MyBonum (patient management startup)

Malaffi (Abu Dhabi's health information exchange)

WiseCare (population health management startup)

CONNIE (Connecticut's health information exchange)

HEALTHeLINK (Western New York's health information exchange)

Surescripts (electronic prescribing platform)

Amida Technology Solutions (health IT consulting firm)

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